

REV.	DESCRIPTION	DATE
A	RELEASED	06/09/04
B	Add Lead Free	12/22/05
C	Modify Dimension & Notes	08/30-'12
D	add pin mark	07/20-'13

Signal Segment		Power Segment	
Name	Type	Name	Type
S1	GND	P1	V3.3
S2	A+	P2	V3.3
S3	A-	P3	V3.3
S4	GND	P4	GND
S5	B-	P5	GND
S6	B+	P6	GND
S7	GND	P7	V5
		P8	V5
		P9	V5
		P10	GND
		P11	DAS/DSS
		P12	GND
		P13	V12
		P14	V12
		P15	V12

**NOTES:**

**\*Material**

Housing: LCP, UL 94V-0 rated; Color: Black.  
 Contact: Phosphor Bronze  
 Plating: Au plating on contact area, Sn(100u" min) plating on solder tail, Ni(40u" min) underplating overall.  
 Harpoon: Brass  
 Plating: Sn(100u")Plating Over Ni(50u" min);

**\*Mechanical**

Insertion Force: 45N max.  
 Withdrawal Force: 10N min.  
 Durability: 500 cycles

**\*Electrical Specification**

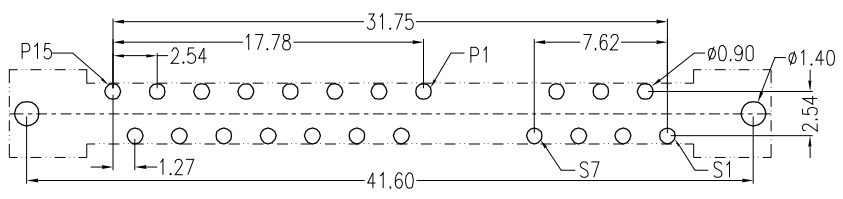
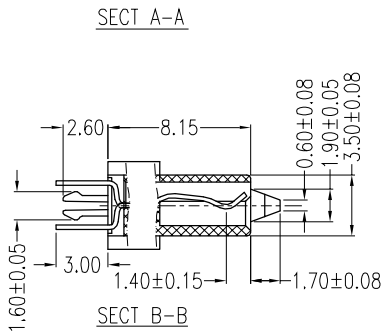
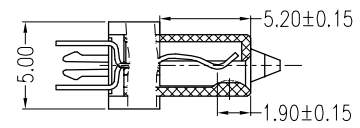
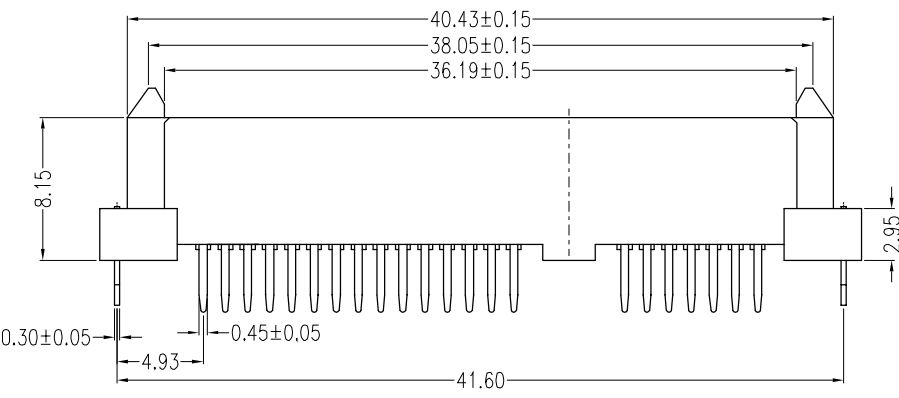
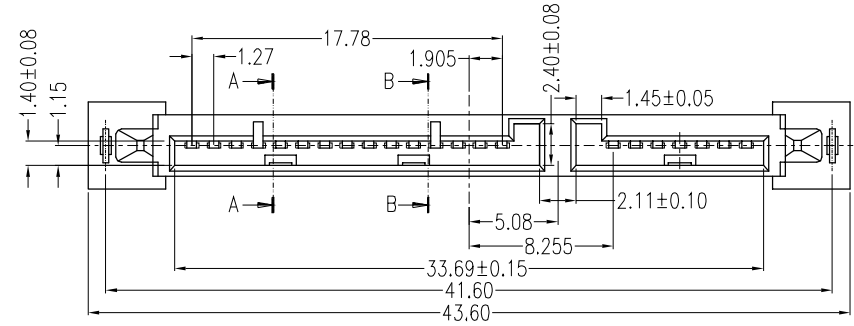
Operation Voltage: 100V AC max.  
 Current Rating: 1.5 Ampere per contact  
 Contact Resistance: 30 mΩ max.  
 Insulation Resistance: 1000 MΩ min.  
 Dielectric Withstanding Voltage: 500V AC

**\*Environmental**

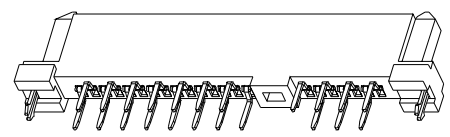
Operating Temperature: -55°C to +85°C

**\*How to order**

WATS-22DL1P5U  
 Blank: No Mark; W: Winning Mark  
 U: Lead Free  
 5: Double Row DIP Type (High 8.15mm)  
 P: Phosphor Bronze  
 1: Black  
 L: LCP  
 Au: A: >0.8u" B: 5u" D: 15u" F: 30u"  
 NO. of Contacts  
 Series No.



P.C.B. LAYOUT(T=1.60)  
 COMPONENT SIDE



REV	add pin mark	Units	mm	Scale	1:1	Drawing By	Date	WIN WIN PRECISION IND. CO., LTD. TEL: 886-2-22994155 FAX: 886-2-22994157			
						GuoChao	08/06-'13	Date	08/30-'12	Title	WATS 7+15P Standard Type (High 8.15mm) DIP Type Female
						Reviewed By	Date	Sheet	1 of 1		
						HQ	08/06-'13	Third Angle Projection			
						Approval By	Date	Drawing No.			
						Richard	08/06-'13			WATR-022MN-AN-N088	D